

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. B0048-US02	SERIAL NO. 09/978428
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT UNGER, et al.	
(Use several sheets if necessary)	FILING DATE 10/15/2001	GROUP 1723

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JK	3,489,145	1/1970	Judson et al.	<div>RECEIVED FEB 04 2002 TC 1700</div>		
	3,519,201	7/1970	Eisel et al.			
	3,987,961	10/1976	Sinn et al.			
	4,010,894	3/1977	Kellogg et al.			
	4,278,202	7/1981	Westberg			
	4,386,730	6/1983	Mulzet			
	4,387,848	6/1983	Kellogg et al.			
	4,419,089	12/1983	Kolobow et al.			
	4,530,691	7/1985	Brown			
JK	4,990,132	2/1991	Unger et al			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
JK	38 15 645	11/1989	DE			
JK	0 304 431	3/1989	EP			
JK	0508474A3	10/1992	EP			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

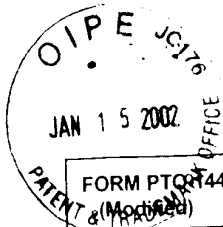
EXAMINER

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DATE CONSIDERED

4/28/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. B0048-US02	SERIAL NO. 09/978428
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JK	5,114,396	5/1992	Unger et al.			
	5,160,310	11/1992	Yhland			
	5,316,540	5/1994	McMannis et al.			
	5,674,173	10/1997	Hlavinka et al.			
JK	6,315,706	11/2001	Unger et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
JK	87/06857	11/1987	WO			
JK	95/01842	1/1995	WO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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